Please print or type in the unshaded areas only
(fill—in areas are spaced for elite type, i.e., 12 characters/inch).

Form Approved OMB No. 158-S80004

FORM 3 RCRA

U.S. ENVIRONMENTAL PROTECTION AGENCY

HAZARDOUS WASTE PERMIT APPLICATION

Consolidated Permits Program

(This information is required under Section 3005 of RCRA.)

I. EPA I.D. NUMBER

S												T/A
F	K	S	D	0	0	7	4	8	2	0	2	9	

1 2 - 13 14

FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)	COMMENTS
23	24 - 29	

30299084

Superfund

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below *(mark one box only)* to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION *(place an "X" below and provide the appropriate date)*

[X] 71 **1. EXISTING FACILITY** *(See instructions for definition of "existing" facility. Complete item below.)*

[ ] 71 **2. NEW FACILITY** *(Complete item below.)*

C	YR.	MO.	DAY
8	5 1	0 6	0 1
15	73 74	75 76	77 78

FOR EXISTING FACILITIES, PROVIDE THE DATE *(yr., mo., & day)* **OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED** *(use the boxes to the left)*

YR.	MO.	DAY
73 74	75 76	77 78

FOR NEW FACILITIES PROVIDE THE DATE *(yr., mo., & day)* **OPERATION BEGAN OR IS EXPECTED TO BEGIN**

B. REVISED APPLICATION *(place an "X" below and complete Item I above)*

[ ] 72 **1. FACILITY HAS INTERIM STATUS**

[ ] 72 **2. FACILITY HAS A RCRA PERMIT**

III. PROCESSES – CODES AND DESIGN CAPACITIES

A. PROCESS CODE – Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process *(including its design capacity)* in the space provided on the form *(Item III-C)*.

B. PROCESS DESIGN CAPACITY – For each code entered in column A enter the capacity of the process.

1. AMOUNT – Enter the amount.
2. UNIT OF MEASURE – For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:		
CONTAINER *(barrel, drum, etc.)*	S01	GALLONS OR LITERS
TANK	S02	GALLONS OR LITERS
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS
Disposal:		
INJECTION WELL	D79	GALLONS OR LITERS
LANDFILL	D80	ACRE-FEET *(the volume that would cover one acre to a depth of one foot)* OR HECTARE-METER
LAND APPLICATION	D81	ACRES OR HECTARES
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS
Treatment:		
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
OTHER *(Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)*	T04	GALLONS PER DAY OR LITERS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G
LITERS	L
CUBIC YARDS	Y
CUBIC METERS	C
GALLONS PER DAY	U
LITERS PER DAY	V
TONS PER HOUR	D
METRIC TONS PER HOUR	W
GALLONS PER HOUR	E
LITERS PER HOUR	H
ACRE-FEET	A
HECTARE-METER	F
ACRES	B
HECTARES	Q

EXAMPLE FOR COMPLETING ITEM III *(shown in line numbers X-1 and X-2 below)*: A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

														T/A	C
15	C			D	U	P									1
1 2												13	14		15

LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT (specify)	B. PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY
	16 - 18	19 - 27	28	29 - 32
X-1	S 0 2	600	G	
X-2	T 0 3	20	E	
1	D 7 9	Greater Than 35,500,000,000 see below	G	
2	S 0 1	27,500	G	
3	S 0 2	1,924,000	G	
4	S 0 4	3,475,000	G	
5	T 0 3	.25	D	
6	T 0 1	1,500,000 Neutralization tank	U	
7				
8		Note - The unused capacity of the Arbuckel formation		
9		is impossible to determine but in excess of this number.		
10				

Continued from page 2.
NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

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EPA I.D. NUMBER (enter from page 1): W K S D 0 0 7 4 8 2 0 2 9

FOR OFFICIAL USE ONLY: W DUP T/A C 2 DUP

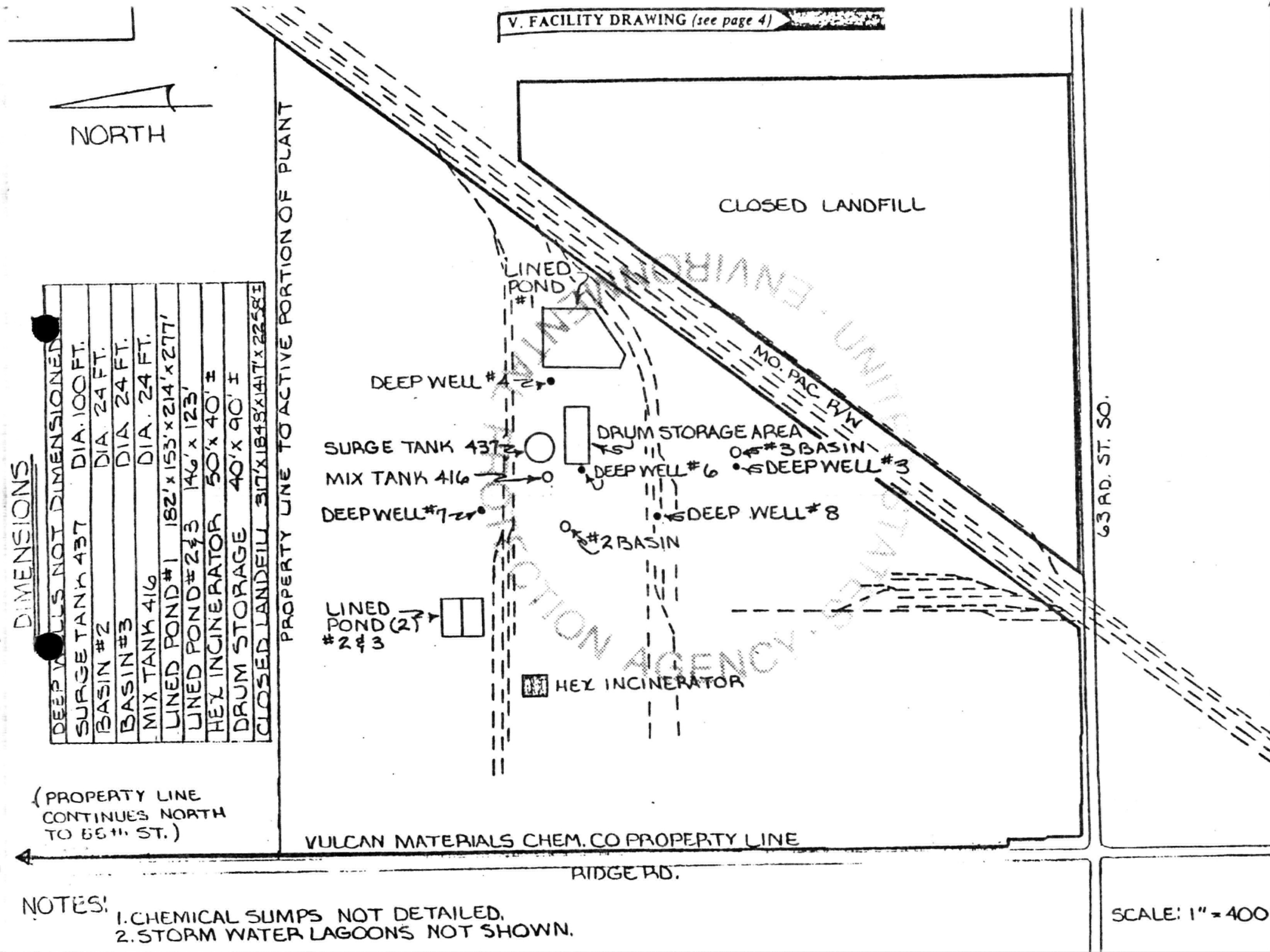
IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES 1. PROCESS CODES (enter)	D. PROCESSES 2. PROCESS DESCRIPTION (If a code is not entered in D(1))
1	D002	3,200,000	T	S02 S04 T01 D79	
2	D007	incl. with above			
3	D001	5,000	T	S02 D79	
4	D002	incl. with above			
5					
6	K021	50	P	S02 D79	
7	See Below	620	T	T03	
8	U080	5	T	S02 D79	
9	U044	3.9	T	S02 D79	
10	U211	2.9	T	S02 D79	
11	U210	1.4	T	S02 D79	
12	U226	.4	T	S02 D79	
13	U077	.16	T	S02 D79	
14	D002	120	T	S01	Stored in drums for shipment off site to a hazardous waste landfi
15	See Below	500	T	S01	Stored in drums for shipment off site to a hazardous waste landif
16	D002	12	T	S01	Stored in drums for shipment off site to a hazardous waste landfil
17	D007	incl. with above			
18	D007	7	T		Stored in drums for shipment off site to a hazardous waste landfil
19	P090	125	T	S01	Stored in drums for shipment off site to a hazardous waste landfi
20	U212	incl. with above			
21	U230	incl. with above			
22	U231	incl. with above			
23	U080	incl. with above			
24		These wastes are not defined as hazardous wastes by Section 3001 of RCRA. They do			
25		however, contain materials that appear in Appendix VIII of Section 3001 and there-			
26		fore are handled as hazardous wastes. See Attachment			

EPA Form 3510-3 (6-80)

CONTINUE ON REVERSE

V. FACILITY DRAWING *(see page 4)*



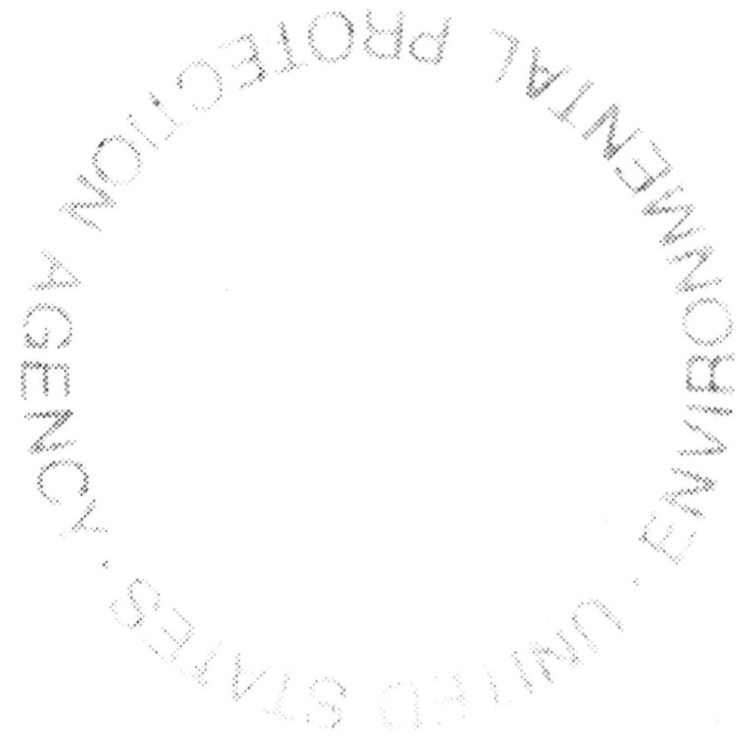
NOTES:
1. CHEMICAL SUMPS NOT DETAILED.
2. STORM WATER LAGOONS NOT SHOWN.

SCALE: 1" = 400

ATTACHEMENT - PART IV

Line 7 - this waste is a process waste containing a mixture of chlorinated hydrocarbons. EPA ID numbers to describe this waste are U127,U128 and U131.

Line 15 - This waste is actually a class of wastes which contain trace amounts of chlorinated hydrocarbons in trash or drying agents. EPA ID numbers to describe the trace amounts of chlorinated hydrocarbons in this waste are U044, U080, U211, U210, U081, U082, U230, U231, U212, and P090.



ATTACHMENT

Vulcan has on file letters of approval, from the Kansas Department of Health and Environment, to construct and use five deep disposal wells and twenty-five wells for the mining of brine.

The brine mining wells are located approximately twelve miles southwest of Vulcan's treatment, storage, and disposal facility and, therefore, are exempt from inclusion in Form I, Part II, H.